

NRF.EU



HEAVY DUTY CATALOG

EMPOWERING PERFORMANCE

WHO ARE WE?

Since 1927, NRF has been a leading manufacturer and supplier of refrigeration products for the automotive, industrial, rail and marine markets. NRF is known for the production of high quality radiators, but also produces and supplies a wide range of engine cooling and air conditioning products.

NRF has a range of over 10,000 products, which is continually expanding. In the last 4 years, NRF has doubled its aftermarket volume. To facilitate this growth, NRF is constantly expanding warehouse capabilities and investing in the supply chain.

A GLOBAL BUSINESS

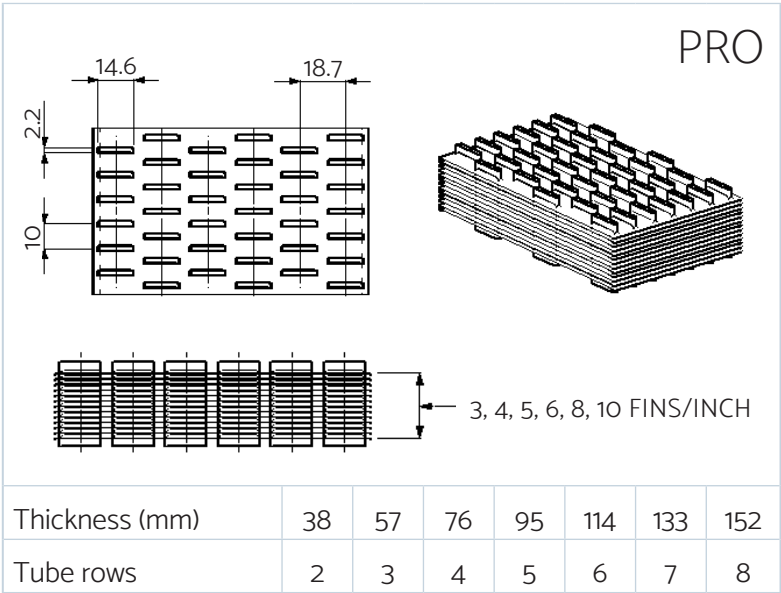
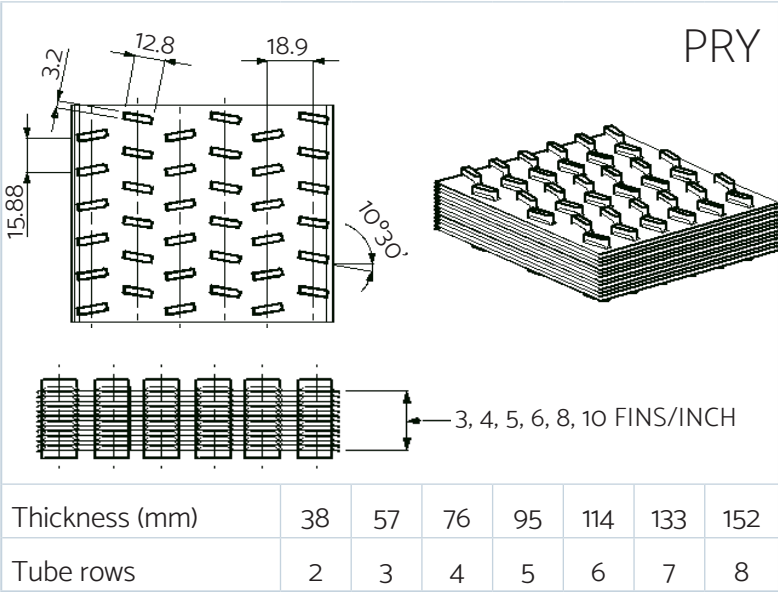
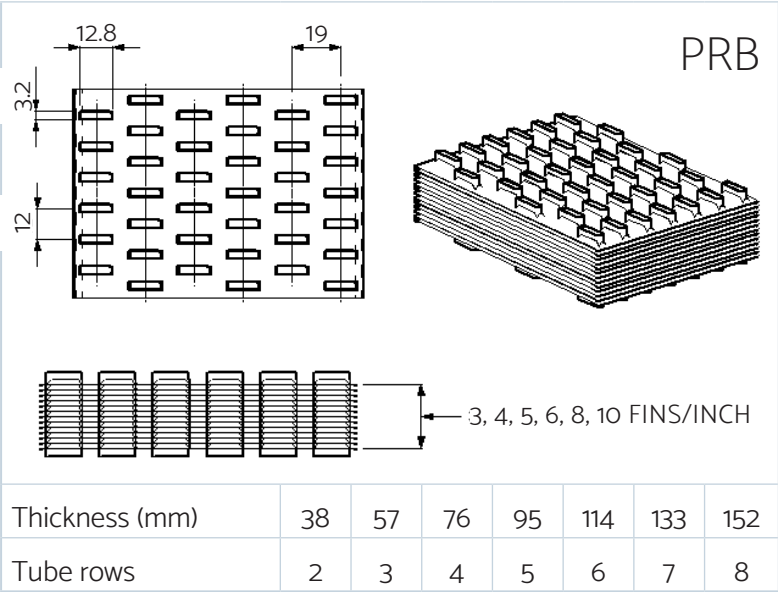
- 3 factories (The Netherlands, Spain, and Poland)
- 5 strategically located warehouses.
- Strategic partners all over the globe.
- Range of more than 10,000 products in the aftermarket sector.
- One of the market leaders in the marine refrigeration sector.
- Global engineering, test and development facilities.
- Export to more than 80 countries worldwide.



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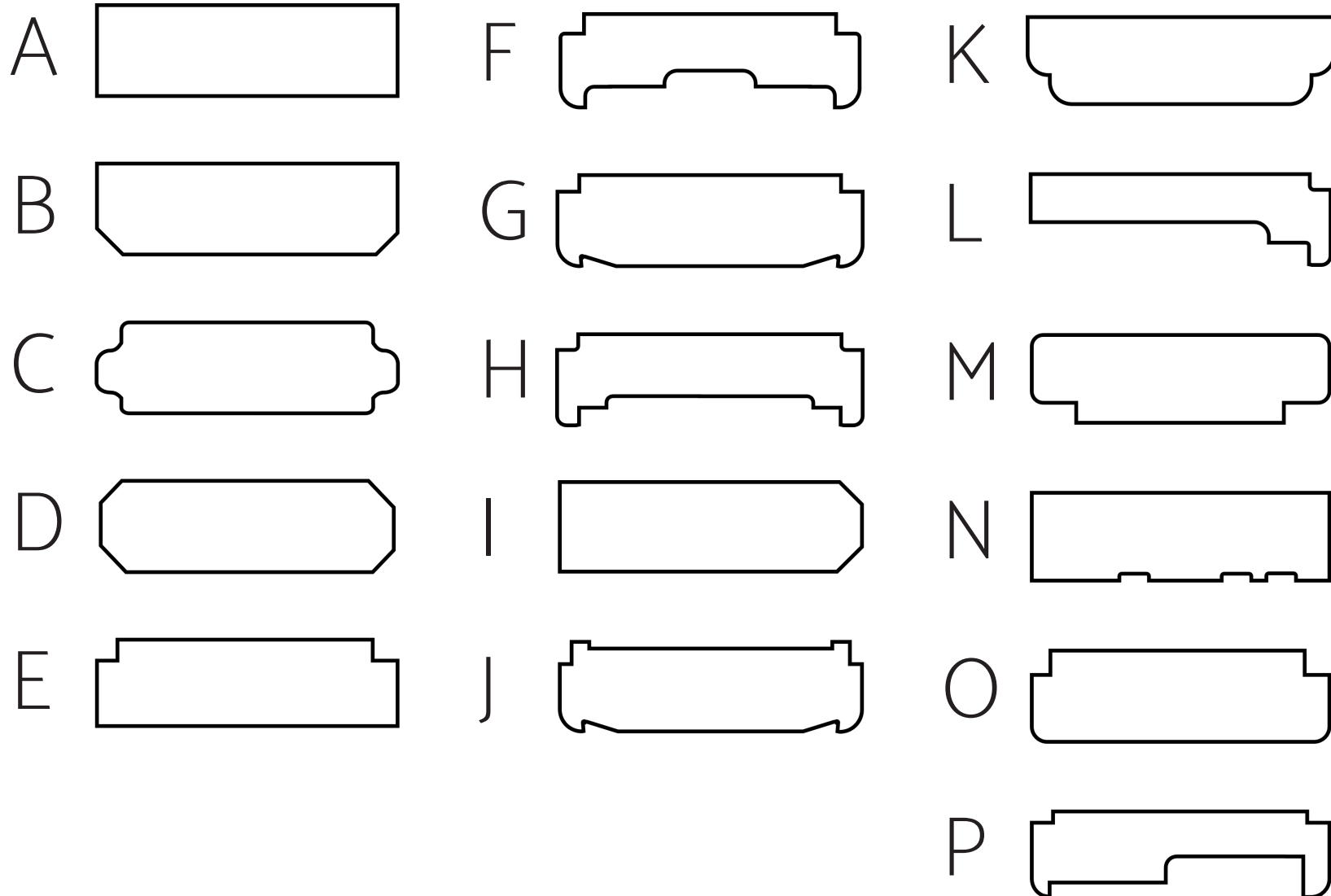
SYSTEMS



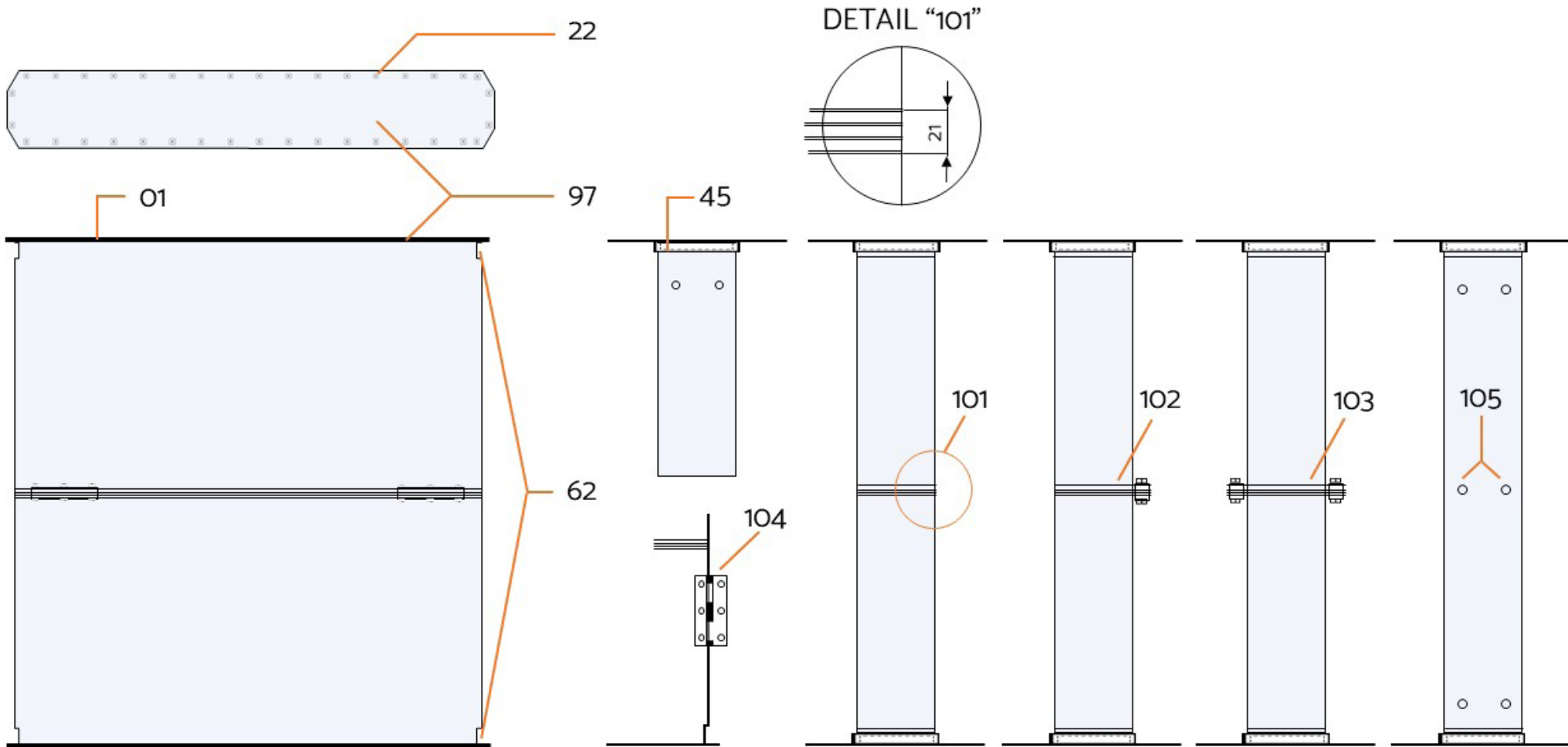
CONVERSION TABLE

Fins/ Inch	mm
3	8,5
4	6,3
5	5,1
6	4,2
8	3,2
10	2,5

VARIOUS SHAPES OF FLAT BOLT HEADERS



REMARKS

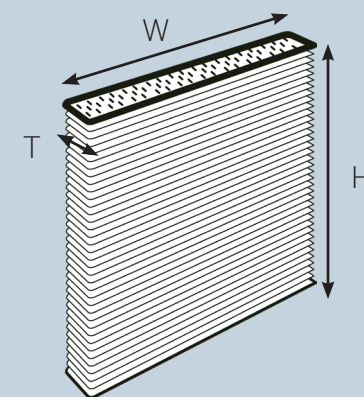


REMARKS

(EN) English	(FR) Français	(DEU) Deutsch	(NL) Netherlands
1 Flat headers	1 Collecteurs à plat	1 Flache Endböden	1 Vlakke collecteurs
22 With bolt holes	22 Collecteurs percés	22 Gebohrte Endböden	22 Met boutgaten
45 Dished headers (omega)	45 Joues en omega	45 Omega Endböden	45 Omega collecteurs
62 Notched corners	62 Coins coupés	62 Eckaussparungen	62 Hoeken uit het blok
97 Reinforced corners incl reinforced header-tube connection	97 Doubles collecteurs dans les coins avec renforcement entre les collecteurs et les tubes	97 Eckverstärkungen und/oder Doppelte Endböden	97 Versterkte hoeken en/of dubbele collecteurs
101 Center fins	101 Aillettes centrées	101 Dickere Luftlamellen mittig	101 Dikkere middenlamellen
102 Center bars	102 Barettes centrées	102 Mit Zwischenböden für einseitige Befestigung	102 Tussencollecteurs met eenzijdige bevestiging
103 Reversible bars	103 Barettes reversible	103 Mit Zwischenböden für beidseitige Befestigung	103 Tussencollecteurs bevestiging aan beide zijden
104 Vertical center bars	104 Barettes verticales:	104 Vertikale Befestigung beidseitig	104 Verticale bevestigingsmogelijkheid / beide zijden
105 Bolted sideplate	105 Joues percées	105 Seitenteile mit Löchern	105 Zijschotten met boutgaten

(IT) Italiano	(ES) Español	(PL) Polski
1 Collettore piano	1 Colectores planos	1 Płaskie kołnierze
22 Con forature	22 Colectores con taladros para tornillos	22 Z otworami na śruby
45 Collettore ad omega	45 Colectores en "omega"	45 Kołnierze Omega
62 Angoli intagliati	62 Panal con tacones en esquinas	62 Ścięte narożniki rdzenia
97 Angoli rinforzati e rinforzo tra collettore e cannette	97 Con placas de refuerzo y relleno de estaño en esquinas de colector	97 Wzmocnione brzegi i połączenia kołnierza - rurki
101 Interasse alette	101 Placas centrales de refuerzo	101 Centralne płyty wzmacniające im
102 Barra di fissaggio su un lato	102 Fijación central a solo una cara del panel	102 Centralne płyty wzmacniające z mocowaniem jednostronnym
103 Barra di fissaggio su entrambi i lati	103 Fijación central a ambas caras del panel	103 Centralne płyty wzmacniające z mocowaniem obustronnym
104 Barra di fissaggio centrale verticale su entrambi i lati	104 Fijación central vertical a ambas caras del panel	104 Poprzeczna płyta wzmacniająca z mocowaniem
105 Fianco forato	105 Laterales taladrados en "U"	105 Płyta boczna z otworami

CORE DIMENSIONS GUIDE



REF	ADAPTABLE TO:	OEM	H	W	T	SYSTEM											EXTRAS
							L	W	T	HOLES	SHAPE	L	W	T	HOLES	SHAPE	
BELARUS																	
61251	BX 90		510	440	95	PRO 8	485	150	1.5	28	A	485	150	1.5	28	A	22/27/45/48/97
61252			548	440	95	PRO 8	485	150	1	28	A	485	150	1	28	A	1/22
BOMAG																	
61285			838	732	114	PRB 5	785	215	2.5	44	A	785	215	2.5	44	A	01/22/97
BUCYRUS ERIE																	
61310	MK-35-V8/ MK-60-100-V12		1018	985	95	PRY 8	1075	195	2	54	A	1075	195	2	54	A	01/22/97
CASE																	
61332	750D		570	636	95	PRY 4	705	183	2.5	40	A	636	132	0.8	S	A	01/22/97
61333	850C		635	556	114	PRY 5	635	184	2	30	A	635	184	2	30	A	01/22/97
61341	1150B		669	660	114	PRB 8	712	178	4	42	A	712	178	4	42	A	01/22/97
61334	1150C		696	652	114	PRY 5	704	185	2	30	A	704	185	2	30	A	01/22/62/97
61339	1150		696	660	114	PRY 5	710	180	2.5	42	A	710	180	2.5	42	A	01/22/97
CATERPILLAR																	
60586	D9	5H 8244	516	1001	114	PRY 8	1034	194	4	36	A	1034	194	4	36	A	01/22/62/97
60649	D9	8 H 5940	516	1001	152	PRY 8	1034	194	4	36	A	1034	194	4	36	A	01/22/62/97
60581	D9		516	1064	114	PRY 8	1089	194	4	39	A	1089	194	4	39	A	01/22/62/97
60404	D4	1 S 0364	531	524	76	PRY 8	584	143	4	24	A	584	143	4	24	A	01/22/97
60656	D4	2 S 9759	531	540	76	PRY 8	584	143	4	24	A	584	143	4	24	A	01/22/97
60610	D353	5 L 4384	531	1080	114	PRY 8	1115	203	1.5	52	A	1115	20	1.5	52	A	01/22/62/97
60620	D353	3 L 5102	533	1080	114	PRY 8	1115	203	1.5	48	A	1115	203	1.5	48	A	01/22/62/97
60407	D4, (40A)	9 H 9246	535	540	57	PRY 8	710	135	1.5	26	D	710	135	2.5	26	D	01/22/97
60631	D9(BOTTOM)	2 S 1543	549	1176	133	PRB 8	1232	175	4	47	A	1232	175	4	46	N	01/22/97
60408	D9(BOTTOM)	7 S 8792	550	1175	133	PRY 8	1232	175	4	46	A	1232	175	4	46	A	01/22/62/97

REF	ADAPTABLE TO:	OEM	H	W	T	SYSTEM											EXTRAS
							L	W	T	HOLES	SHAPE	L	W	T	HOLES	SHAPE	
CATERPILLAR																	
60597	D9(BOTTOM)+PROTEC.TUBOS	5 S 4597	550	1176	114	PRY 8	1232	175	4	46	A	1232	175	4	46	A	01/22/62/97
2574		8 N 4077	553	540	114	PRY 8	562	124	1	O	Welded	562	124	1	O	Welded	
60625	D4	1 S 0363	570	540	76	PRY 8	584	143	4	24	A	584	143	4	24	A	01/22/97
60584	D2,212,D311	8 F 3135	575	456	76	PRY 8	641	133	1.5	28	O	641	133	4	28	O	01/22/97
60414	933,955	8 H 8771	575	556	57	PRY 8	638	136	2.5	24	A	638	136	2.5	24	A	01/22/97
60412	933,955	8 H 9577	575	572	57	PRY 8	645	114	2.5	24	A	645	114	2.5	24	A	01/22/97
60707	933,955	8 H 6247	575	572	76	PRY 8	638	137	2.5	24	A	638	137	2.5	24	A	01/22/97
60417	D9,D22,922	4 M 0114	575	619	76	PRY 8	662	127	4	24	A	662	127	4	24	A	01/22/62/97
60708	D9,D22,922	1 S 1386	575	620	95	PRY 8	662	152	4	24	A	662	152	4	24	C	01/22/62/97
60703	922 WHEEL LOADER	4 K 2727	575	624	95	PRB 8	662	152	4	24	A	662	152	4	24	A	01/22/97
60409	D9(TOP)	7 S 8791	587	1175	133	PRY 8	1232	175	4	44	A	1232	175	4	46	A	01/22/62/97
60702	D9(TOP)+(PROTEC.TUBOS)	5 S 4596	587	1176	114	PRY 8	1232	175	4	44	A	1232	175	4	46	A	01/22/62/97
60598	D9(TOP)	2 S 1542	587	1176	133	PRB 8	1232	175	4	44	A	1232	175	4	46	A	01/22/97
60587	D4,10,D4400	4 A 0149	595	588	57	PRY 8	676	146	1.5	24	O	676	146	1.5	24	O	01/22/97
60421	D4,RD4	9 H 4771	595	604	76	PRY 8	676	146	1.5	24	G	676	146	2.5	24	J	01/22/97
60419	D4	4 F 7979	596	461	76	PRY 8	676	146	1.5	24	G	676	146	1.5	24	G	01/22/97
60612	944	3 K 3615	613	636	95	PRB 8	645	160	4	26	A	645	160	4	26	A	01/22/62/97
60692	944	4 K 2032	613	636	114	PRB 8	645	160	4	26	A	645	160	4	26	A	01/22/62/97
2577	613	9 S 1951	635	635	76	PRY 8	648	89	1	O	Welded	648	89	1	O	Welded	
2578	3160/3208		638	660	76	PRB 8	683	102	1	O	Welded	683	102	1	O	Welded	
60670	112 GRADER	5 S 8154	646	651	76	PRY 8	721	135	1.5	26	K	721	135	2.5	26	K	01/22/62/97
60583	112,D315	3 L 8903	659	524	76	PRY 8	727	146	4	28	O	727	146	4	28	O	01/22/97
60689	D12,D4600	5 B 0698	659	651	57	PRY 8	727	146	1.5	28	O	727	146	4	28	O	01/22/97
60426	D4	5 S 8052	660	699	57	PRY 8	746	146	4	32	A	734	146	4	32	A	01/22/62/97
60427	D4AG,D4PS	5 S 4592	660	699	76	PRY 8	746	146	4	32	A	734	146	4	32	A	01/22/62/97
60658	D6,D6B	2 S 0739	679	660	76	PRB 8	699	138	4	26	A	699	138	4	26	A	01/22/62/97
60605	D6PS,977	9 H 9919	680	600	95	PRB 8	838	210	4	28	H	613	167	4	24	A	01/22/62/97
60648	D6	6 H 9008	680	604	76	PRY 8	838	216	4	28	H	613	167	4	24	A	01/22/62/97

REF	ADAPTABLE TO:	OEM	H	W	T	SYSTEM											EXTRAS
							L	W	T	HOLES	SHAPE	L	W	T	HOLES	SHAPE	
CATERPILLAR																	
60432	D6	5 H 8412	680	604	114	PRY 8	838	216	4	28	P	613	167	4	24	A	01/22/62/97
60433	D6,D6B	5 A 4391	680	667	57	PRY 8	699	138	4	26	A	699	138	4	26	A	01/22/62/97
2581	D11/D330A	4 L 2115	680	715	95	PRY 8	750	102	1	0	Welded	750	102	1	0	Welded	
60688	D6	7 B 0427	697	683	76	PRY 8	781	140	1.5	28	O	781	140	4	28	O	01/22/97
60533	951	2 P 1239	705	540	114	PRY 8	602	186	4	26	A	602	186	4	26	A	01/22/97
60628	951	4 N 3474	705	540	133	PRY 8	602	186	4	26	D	602	186	4	26	D	01/22/97
60630	941,951	5 S 8037	705	651	57	PRY 8	721	186	4	30	A	721	186	4	30	A	01/22/97
60436	941,951	5 S 8036	705	651	76	PRY 8	721	186	4	30	A	721	186	4	30	A	01/22/97
60437	941,951	8 S 2640	705	651	95	PRY 8	721	186	4	30	A	721	186	4	30	A	01/22/97
60596	941,951PS	5 S 8031	705	651	114	PRY 8	721	186	4	30	A	721	186	4	30	A	01/22/97
60438	D4	8 N 3583	711	699	57	PRY 8	746	146	4	32	A	734	146	4	32	A	01/22/62/97
60685	D4E	8 N 3545	711	699	76	PRY 8	746	146	4	32	A	734	146	4	32	A	01/22/62/97
60440	D4	7 N 6223	711	699	95	PRY 8	746	146	4	32	A	734	146	4	32	A	01/22/62/97
60626	#12 GRADER	2 M 8224	718	600	76	PRB 8	838	216	4	28	H	613	168	4	24	A	01/22/62/97
60675	#12 GRADER	9 F 3410	718	600	95	PRB 8	838	216	4	28	H	613	168	4	24	A	01/22/62/97
60699	#12 GRADER	6 H 9001	718	604	76	PRY 8	838	216	4	28	P	613	167	4	24	A	01/22/62/97
60442	920,12DD	9 S 4997	718	731	57	PRY 8	827	139	4	30	D	744	139	4	26	A	01/22/62/97
60607	3304	4 N 8248	718	731	76	PRY 8	827	138	4	30	D	745	138	4	26	A	01/22/62/97
60441	930, 12PS	8 N 7857	718	731	76	PRY 8	827	138	4	30	D	744	138	4	26	A	01/22/62/97
60653	920,12DD	2 S 5260	718	744	57	PRB 8	827	140	4	30	D	744	140	4	26	A	01/22/62/97
60654	920,12DD	4 M 4421	718	744	76	PRB 8	827	139	4	30	D	744	139	4	26	A	01/22/62/97
2582	518	8 N 4973	743	746	114	PRY 8	749	153	1	0	Welded	749	153	1	0	Welded	
2583	518	6 N 9451	745	738	133	PRY 8	748	146	1	0	Welded	748	146	1	0	Welded	
60623	# 14	8 S 7794	752	826	57	PRY 8	926	138	4	34	D	844	138	4	30	A	01/22/62/97
60624	# 14E	8 S 7795	752	826	76	PRY 8	926	138	4	34	D	844	138	4	30	A	01/22/62/97
60621	955,955H (+ PROTEC. TUBOS)	9 M 5551	762	667	114	PRY 8	678	165	4	26	A	678	165	4	26	A	01/22/62/97
60445	955,955H	5 M 4023	762	672	114	PRB 8	678	165	4	26	A	678	165	4	26	A	01/22/62/97
60451	966,977	3 S 4515	762	778	114	PRY 8	919	167	4	32	A	792	167	4	28	A	01/22/62/97

REF	ADAPTABLE TO:	OEM	H	W	T	SYSTEM											EXTRAS
							L	W	T	HOLES	SHAPE	L	W	T	HOLES	SHAPE	
CATERPILLAR																	
60657	D6PS,966 (+PROTEC. TUBOS)	2 S 1199	762	888	114	PRB 8	919	167	4	32	A	919	167	4	32	A	01/22/62/97
60447	D6,D6DD	9 M 6031	762	890	76	PRY 8	919	167	4	32	A	920	167	4	32	A	01/22/62/97
60448	D6PS,966	9 M 6032	762	890	114	PRY 8	920	167	4	32	A	920	167	4	32	A	01/22/62/97
60665	D6C	2 S 9758	762	900	114	PRB 8	920	167	4	32	A	920	167	4	32	A	01/22/62/97
60452	944D,950	3 S 2320	775	603	114	PRY 8	703	165	4	26	A	617	165	4	24	A	01/22/62/97
60453	950,966	7 S 2244	775	667	114	PRY 8	703	165	4	26	A	703	165	4	26	A	01/22/97
60455	D7	5 H 4220	792	906	76	PRY 8	978	160	4	34	D	978	160	4	34	D	01/22/62/97
60592	D7	4 A 2553	805	699	95	PRY 8	759	160	4	29	I	759	160	4	29	I	01/22/97
60660	D398	6 L 1533	813	792	114	PRB 8	857	186	1.5	42	A	857	186	2.5	42	A	01/22/97
60460	D6PS	7 S 2385	813	889	114	PRY 8	919	167	4	32	A	919	167	4	32	A	01/22/62/97
60531	D6DD	7 S 2384	813	890	76	PRY 8	919	167	4	32	A	919	167	4	32	A	01/22/62/97
60444	397,397TA	4 L 0648	818	667	114	PRY 8	727	203	1.5	36	A	727	203	1.5	36	A	01/22/97
2585	D333	4 L 2023	838	732	95	PRB 8	753	102	1	O	Welded	753	102	1	O	Welded	
2586	3306	2 N 0256	842	720	114	PRB 8	756	191	1	O	Welded	756	127	1	O	Welded	
2589	140 -G GRADER / MOTONIV	1 P 9959	848	852	76	PRB 8	902	102	1	O	Welded	902	102	1	O	Welded	
60558	D5	6 N 0934	849	540	114	PRY 8	580	167	4	27	D	580	167	4	27	D	01/22/62/97
60462	DW15,20,21,D326		849	683	95	PRB 8	760	208	4	28	L	747	160	4	28	A	01/22/62/97
60602	D5	6 N 0541	849	699	57	PRY 8	746	167	4	34	A	746	167	4	34	A	01/22/62/97
60463	D5	8 N 8842	849	699	95	PRY 8	746	167	4	34	A	746	167	4	34	D	01/22/62/97
60579	619	2 M 9055	851	842	95	PRY 8	908	178	4	36	A	908	178	4	36	A	01/22/97
60663	16 PS	1 S 1575	851	842	133	PRY 8	1016	203	4	38	A	895	203	4	34	A	01/22/62/97
60464	619	9 M 9519	851	842	133	PRY 8	908	178	4	36	A	908	178	4	36	A	01/22/97
60466	D8,D11000,D13000	8 F 2790	851	1000	76	PRY 8	1092	154	1.5	36	E	1092	154	4	36	E	01/22/97
2572	245	7 N 7330	854	842	95	PRY 8	902	102	1	O	Welded	902	102	1	O	Welded	
60709	DW15,20,21,D326		856	889	114	PRY 8	995	208	2.5	36	H	902	160	2.5	32	A	01/22/62/97
60467	D5,D5DD	5 S 8451	857	699	57	PRY 8	745	146	4	28	A	745	146	4	28	A	01/22/62/97
60468	D5PS	5 S 8450	857	699	95	PRY 8	744	144	4	28	A	744	144	4	28	A	01/22/62/97
2590		6 N 1994	859	852	95	PRB 8	1062	102	1	O	Welded	1062	102	1	O	Welded	

REF	ADAPTABLE TO:	OEM	H	W	T	SYSTEM											EXTRAS
							L	W	T	HOLES	SHAPE	L	W	T	HOLES	SHAPE	
CATERPILLAR																	
60561	235	7 N 1033	864	842	114	PRY 8	914	213	4	36	A	914	213	4	36	A	01/22/97
60562	235	2 P 5218	864	842	133	PRY 8	914	213	4	36	A	914	213	4	36	A	01/22/97
60411	528 LOG SKIDDER		867	699	133	PRY 8	751	213	4	30	A	744	203	4	30	A	01/22/62/97
60560	528	7 N 3111	875	858	133	PRY 8	905	213	4	34	A	895	203	4	34	A	01/22/62/97
60694	D8	6 H 8729	878	858	76	PRY 8	915	160	4	32	I	915	160	4	32	I	01/22/62/97
60588	D8	7 F 1496	878	874	95	PRY 8	915	160	4	34	I	915	160	4	34	I	01/22/62/97
60701	D8	2 M 0752	878	1008	114	PRB 8	1054	167	4	38	D	1054	167	4	38	D	01/22/62/97
60474	D6	4 N 6298	883	667	114	PRY 8	709	167	4	30	A	709	167	4	30	I	01/22/62/97
60627	D6	7 N 4367	883	794	57	PRY 8	840	167	4	36	A	840	167	4	36	D	01/22/62/97
60476	D6	2 Y 4641	883	794	76	PRY 8	840	167	4	36	A	840	167	4	36	D	01/22/62/97
60608	D6DD	7 N 3542	883	794	114	PRY 8	840	167	4	36	A	840	167	4	36	D	01/22/62/97
60677	D326	2 L 0723	889	840	114	PRB 8	927	197	4	32	F	851	160	4	30	A	01/22/62/97
60676	D353	3 L 5155	889	840	114	PRB 8	927	203	1.5	46	A	927	203	1.5	46	A	01/22/97
60691	D353	4 L 4441	889	840	114	PRB 8	927	203	1.5	46	A	927	203	2.5	46	A	01/22/97
60475	955	4 N 8540	908	572	133	PRY 8	613	186	4	26	A	613	186	4	26	A	01/22/62/97
60609	D343	4 L 4687	913	912	95	PRB 8	1002	203	1.5	50	A	1002	203	1.5	50	A	01/22/97
60700	D7PS	7 M 2007	935	1008	114	PRB 8	1054	167	4	38	D	1054	167	4	38	D	01/22/97
60629	D7	7 M 2000	935	1016	76	PRY 8	1032	167	4	38	D	1032	167	4	38	D	01/22/62/97
60480	D7	9 M 9775	935	1017	114	PRY 8	1054	167	4	38	D	1054	167	4	38	D	01/22/62/97
60611	627-637	9 S 3767	952	953	114	PRY 8	1016	203	4	38	A	1016	203	4	38	A	01/22/97
60683	D337	9 F 1473	954	699	114	PRY 8	760	208	4	28	L	747	160	4	28	A	01/22/62/97
60655	D8,D8H	7 M 5664	954	1092	114	PRB 8	1156	161	4	40	D	1156	161	4	40	D	01/22/62/97
60599	D8	1 S 1778	954	1096	95	PRY 8	1156	161	4	40	D	1156	161	4	40	D	01/22/62/97
60686	D8 D.D. TRACTOR	3 S 6250	954	1096	95	PRY 8	1156	161	4	40	D	1156	161	4	40	D	01/22/97/102
60482	D8,D8H	9 M 3097	954	1096	114	PRY 8	1156	161	4	40	D	1156	161	4	40	D	01/22/62/97/102
60600	D8,D8H (+ PROTEC. TUBOS)	1 S 5832	954	1096	133	PRY 8	1156	161	4	40	D	1156	161	4	40	D	01/22/62/97
60485	955,955K (+ PROTEC. TUBOS)	5 S 5991	959	699	114	PRY 8	746	186	4	34	A	746	186	4	34	A	01/22/62/97
60487	966,966C	2 Y 4346	965	794	95	PRY 8	834	210	4	33	A	834	210	4	33	A	01/22/62/97

REF	ADAPTABLE TO:	OEM	H	W	T	SYSTEM											EXTRAS
							L	W	T	HOLES	SHAPE	L	W	T	HOLES	SHAPE	
CATERPILLAR																	
60489	814-816,966	6 N 2361	965	794	133	PRY 8	834	210	4	33	A	834	210	4	33	A	01/22/62/97
60715			965	810	114	PRY 8	834	210	4	32	A	834	210	4	32	A	01/22/62/97
60488	814-816,866,966	9 S 4104	965	810	114	PRY 8	834	210	4	33	A	834	210	4	33	A	01/22/62/97
60673	977	7 M 4962	965	840	114	PRB 8	842	165	4	30	A	842	165	4	30	A	01/22/62/97
60490	977 (+ PROTEC. TUBOS)	5 M 4026	965	842	114	PRY 8	844	166	4	30	A	844	166	4	30	A	01/22/62/97
60650	3304,3306,3412	4 N 8190	965	912	95	PRB 8	1002	267	1.5	52	A	1002	203	1.5	50	A	01/22/97
60496	3406,3408,3412	4 N 8191	965	912	114	PRB 8	1002	267	1.5	52	A	1002	203	1.5	50	A	01/22/97
60498	D398,399,G398	8 L 5765	965	953	114	PRY 8	1016	186	1.5	48	A	1016	186	2.5	48	A	01/22/97
60635		8 N 4687	973	763	95	PRY 8	850	228	4	40	A	850	228	4	40	A	01/22/97
60459	950B	1 W 1895	973	763	114	PRY 8	850	228	1.5	40	A	850	228	4	40	A	01/22/97
60615	621 Scraper	5 S 0602	991	747	152	PRY 8	810	203	4	34	A	810	203	4	34	A	01/22/97
60493	769B	7 S 2522	991	1143	152	PRY 8	1206	203	4	46	A	1206	203	4	46	A	01/22/97
60492	768B,769B	2 P 1234	991	1144	133	PRY 8	1206	203	4	46	A	1206	203	4	46	A	01/22/97
60495	630,633,657,666	9 M 9868	993	953	152	PRY 8	1016	203	4	38	A	1016	203	4	38	A	01/22/97
60497	980	9 S 5149	1002	556	152	PRY 8	588	203	4	24	A	588	203	4	24	A	01/22/62/97
60570	637D	7 N 1580	1016	953	114	PRY 8	1016	203	4	38	A	1016	203	4	38	A	01/22/97
60554	637D,639D	4 N 7295	1016	953	152	PRY 8	1016	203	4	38	A	1016	203	4	38	A	01/22/97
60501	977		1026	651	152	PRY 8	713	210	4	28	A	683	210	4	26	A	01/22/62/97
60502	977K	5 S 7261	1026	778	152	PRY 8	901	210	4	36	A	818	203	4	32	A	01/22/97
60503	637	8 S 4199	1041	953	152	PRY 8	1016	203	4	38	A	1016	203	4	38	A	01/22/97
60668	963	1 W 1502	1055	540	95	PRY 8	592	249	1.5	30	A	592	249	4	30	A	01/22/62/97
60634			1055	540	114	PRY 8	592	249	4	30	A	592	249	4	30	A	01/22/62/97
60638	16G	7 N 3457	1067	985	57	PRY 8	1076	226	4	44	A	1076	226	4	44	A	01/22/97/101
60604	627B	4 N 9374	1067	1017	114	PRY 8	1077	226	4	44	A	1077	226	4	44	A	01/22/97
60422	621,623B	4 N 4342	1067	1017	133	PRY 8	1076	226	4	44	A	1076	226	4	44	A	01/22/97
60644	621,623B	8 N 5980	1069	1017	95	PRY 8	1077	226	4	44	A	1077	226	4	44	A	01/22/97/101
60643	621,623B	8 N 5979	1069	1017	133	PRY 8	1076	226	4	44	A	1076	226	4	44	A	01/22/97/101
60671	350 (B2283)		1085	1032	114	PRY 8	1094	213	4	0	A	1094	213	4	0	A	01/22/97

REF	ADAPTABLE TO:	OEM	H	W	T	SYSTEM											EXTRAS
							L	W	T	HOLES	SHAPE	L	W	T	HOLES	SHAPE	
CATERPILLAR																	
60553	966D		1087	873	95	PRY 8	954	228	2.5	42	A	954	228	4	42	A	01/22/97
60666	D7	3 S 3565	1087	1017	76	PRY 8	1054	167	4	38	D	1054	167	4	38	D	01/22/62/97/102
60569	816B	8 N 5382	1087	1033	114	PRY 8	1106	228	4	50	A	1106	228	4	50	A	01/22/97
60594	D7,D7DD	9 S 9733	1088	1016	57	PRY 8	1054	167	4	38	D	1054	167	4	38	D	01/22/97/102
60506	D7	5 S 0572	1088	1017	114	PRY 8	1054	167	4	38	D	1054	167	4	38	D	01/22/62/97/102
60543	D7PS,571,572	9 S 9270	1088	1017	114	PRY 8	1054	167	4	38	D	1054	167	4	38	D	01/22/62/97/102
60508	D343,353,G353	2 N 5125	1090	1080	95	PRY 8	1156	203	1.5	54	A	1156	203	2.5	54	C	01/22/97
60616	D7G	4 N 7279	1105	1000	76	PRY 8	1116	200	4	44	B	1041	200	4	40	A	01/22/62/97/102
60511	D7G	6 N 1218	1105	1000	114	PRY 8	1116	200	4	46	B	1041	200	4	40	A	01/22/62/97/102
60662		3 R 4726	1124	1044	152	PRB 8	1112	203	4	40	A	1112	203	4	40	A	01/22/62/97
60664	824,980,988	1 S 5875	1127	921	133	PRY 8	1049	203	4	40	A	946	203	4	36	A	01/22/62/97
60513	824,980,988	9 S 4103	1127	921	152	PRY 8	1049	203	4	40	A	946	203	4	36	A	01/22/62/97
60684	RM-205	9 M 5817	1127	1017	133	PRY 8	1049	203	4	40	A	1049	203	4	40	A	01/22/62/97
60515	824,825,826	9 S 6157	1127	1017	152	PRY 8	1049	203	4	40	A	1049	203	4	40	A	01/22/62/97
60711	824,825,826C	6 N 9785	1141	985	133	PRY 8	1050	226	1.5	42	A	1050	226	4	42	A	01/22/97/101
60563	824,825,826C	8 N 3062	1141	985	152	PRY 8	1050	226	4	42	A	1050	226	4	42	A	01/22/97/101
60572	D379,3406-3412	4 N 8559	1143	1207	114	PRY 8	1270	330	4	54	A	1270	226	4	50	A	01/22/97
60551			1143	1223	95	PRY 8	1270	330	4	54	A	1270	230	4	50	A	01/22/97
60641	245	7 N 9471	1149	1144	95	PRY 8	1267	225	4	50	A	1267	225	4	50	A	01/22/97
60410	245 EXCAVATOR	6 N 0413	1150	1143	133	PRY 8	1265	225	4	50	A	1265	225	4	50	A	01/22/62/97
60517	980C	6 N 9786	1152	1112	95	PRY 8	1188	226	1.5	48	A	1188	226	4	48	A	01/22/97
61500			1154	828	95	PRB 8	899	160	1.5	44	A	899	160	1.5	44	A	01/22/97
60568	D8H	8 S 2646	1156	1080	95	PRY 8	1156	167	4	40	D	1156	167	4	40	D	01/22/97/102
60542	D8H	5 S 8439	1156	1080	114	PRY 8	1156	167	4	40	D	1156	167	4	40	D	01/22/97/103
60516	D8H	8 S 2645	1156	1080	114	PRY 8	1156	167	4	40	D	1156	167	4	40	D	01/22/97/102
60571	D8K	6 N 0880	1156	1143	114	PRY 8	1184	203	4	42	D	1184	203	4	42	D	01/22/62/97/103
60541	D8K	6 N 0957	1156	1143	152	PRY 8	1184	203	4	42	D	1184	203	4	42	D	01/22/62/97/103
60613	D8K PS	8 N 2602	1156	1143	152	PRY 4	1184	203	4	42	D	1184	203	4	42	D	01/22/62/97/103

REF	ADAPTABLE TO:	OEM	H	W	T	SYSTEM											EXTRAS
							L	W	T	HOLES	SHAPE	L	W	T	HOLES	SHAPE	
CATERPILLAR																	
60646	973	8 N 9135	1160	651	114	PRY 8	712	249	4	34	A	712	249	4	34	A	01/22/62/97
60534	D9,D9PS	9 M 3109	1161	1176	133	PRY 8	1232	175	4	44	A	1232	175	4	46	N	01/22/97/102
60669	973	1 W 6833	1162	651	95	PRY 8	712	249	4	34	A	712	249	4	34	A	01/22/62/97
60645	973	8 N 6492	1162	651	133	PRY 8	712	249	2	34	A	712	249	4	34	A	01/22/62/97
60633	641-666	9 M 9525	1168	1144	133	PRY 8	1206	203	4	46	A	1206	203	4	46	A	01/22/97
60529	641-666	9 M 9531	1168	1160	152	PRY 8	1206	200	4	46	A	1206	200	4	46	A	01/22/97
60661	834	9 S 6156	1180	1223	152	PRY 8	1257	203	4	46	A	1257	203	4	46	A	01/22/62/97
60642	973	8 N 2343	1204	1112	114	PRY 8	1188	226	4	48	A	1188	226	4	48	A	01/22/97/101
60528	D8L	7 N 3112	1207	1096	133	PRY 8	1165	245	4	52	A	1165	245	4	52	A	01/22/97/101
60618	631,633,988B	4 N 1936	1226	1207	133	PRY 8	1267	222	4	48	A	1267	222	4	48	A	01/22/97
60639	631,633,637,769	4 N 6762	1226	1207	133	PRY 8	1267	226	4	50	A	1267	226	4	50	A	01/22/97
60640	631,633,637,769	7 N 9314	1226	1207	133	PRY 8	1267	226	4	50	A	1267	226	4	50	A	01/22/97/101
60667	631,633,988B	4 N 7241	1226	1207	152	PRY 8	1267	222	4	48	A	1267	222	4	48	A	01/22/97
60420	631,633,988B	4 N 9691	1226	1207	152	PRY 8	1267	226	4	50	A	1267	226	4	50	A	01/22/97
60567	988B	8 N 4971	1228	1207	114	PRY 8	1267	226	4	50	A	1267	226	4	50	A	01/22/97/101
60538	631,633,637,769	7 N 4078	1228	1207	133	PRY 8	1267	226	4	50	A	1267	226	4	50	A	01/22/97/101
60636		8 N 7489	1228	1207	152	PRY 8	1267	226	1.5	50	A	1267	226	4	50	A	01/22/97/101
60539	983	7 S 2538	1270	953	152	PRY 8	983	210	4	39	A	983	210	4	39	A	01/22/62/97
60651	3412	4 N 8995	1295	1188	114	PRB 8	1270	330	4	54	A	1270	229	4	50	A	01/22/97
60544	D9H, D9PS	6 N 973	1302	1175	152	PRY 8	1245	203	4	44	D	1245	203	4	44	D	01/22/97/103
60526	D9G,D9PS	2 P 8658	1302	1176	133	PRY 8	1245	203	4	44	B	1232	175	4	44	A	01/22/97/102
60527	D9G,D9PS	9 S 9022	1302	1176	133	PRY 8	1232	175	4	44	A	1232	175	4	44	A	01/22/97/102
60566	641B-660B	8 S 6052	1321	1287	114	PRY 8	1381	203	4	54	A	1381	203	4	54	A	01/22/97
60530	992	7 S 8845	1321	1287	133	PRY 8	1381	203	4	50	A	1381	203	4	50	A	01/22/97
60548	773	6 N 9376	1321	1287	152	PRY 8	1381	203	4	54	A	1381	203	4	54	A	01/22/97
60537	D9L	8 N 1190	1374	1286	133	PRY 8	1359	243	1.5	56	A	1359	243	1.5	56	A	01/22/97/101
60536	773B	8 N 0066	1374	1302	152	PRY 8	1359	243	4	56	A	1359	243	4	56	A	01/22/62/97/101
60617	777 AC	6 N 1939	1486	1461	57	PRY 8	1521	165	4	54	A	1521	165	4	54	A	01/22/97

REF	ADAPTABLE TO:	OEM	H	W	T	SYSTEM											EXTRAS
							L	W	T	HOLES	SHAPE	L	W	T	HOLES	SHAPE	
CATERPILLAR																	
60606	777	6 N 9377	1486	1461	152	PRY 8	1521	222	4	56	A	1521	222	4	56	A	01/22/97
60595	992C	6 N 7661	1488	1446	152	PRY 8	1521	238	4	58	A	1521	238	4	58	A	01/22/97/101
60550	D10,922	7 N 9061	1489	1461	133	PRY 8	1521	238	4	58	A	1521	238	4	58	A	01/22/62/97/101
DAIMLER																	
61390	FLEETLINE BUS		533	524	57	PRY 10	588	147	2.5	30	A	588	147	2.5	30	A	01/22/97
EMD																	
61712			762	810	95	PRY 8	908	175	1.5	40	D	908	175	1.5	40	D	22/45/97
ERF																	
61942	A-SERIES		831	688	76	PRS 10	759	139	1.5	42	A	759	139	1.5	42	A	01/22/97
61941	B-SERIES ROLLS-ROYCE		914	688	76	PRS 10	759	139	1.5	42	A	759	139	1.5	42	A	01/22/97
61940	B-SERIES CUMMINS		914	690	76	PRO 8	759	139	1.5	42	A	759	139	1.5	42	A	01/22/97
EUCLID																	
61465			796	900	133	PRB 8	1005	205	2.5	32	A	1005	205	2.5	32	A	01/22/97
61467			914	1477	114	PRY 8	1625	241	3	66	A	1625	241	3	66	A	01/22/62/97
61466			915	1366	95	PRY 8	1499	242	1.5	62	A	1499	242	4	62	A	01/22/97
61463	66TD,34LTD	9025253/9030215	1020	1176	114	PRB 8	1302	216	1.5	50	A	1302	216	1.5	50	A	01/22/97
61464	301LD	4019474	1120	1350	114	PRY 8	1500	240	2.5	62	A	1500	240		62	A	01/22/97
FIAT																	
61608	80CA,FL8		588	588	76	PRB 8	665	158	2.5	27	B	665	158	2.5	27	B	01/22/97
61623	(PROTEC. TUBOS)		1133	1064	114	PRY 8	1130	210	3	54	A	1130	210	3	54	A	01/22
G.E.																	
61290			670	780	133	PRO 10	857	228	4	40	A	857	228	4	40	A	01/45

REF	ADAPTABLE TO:	OEM	H	W	T	SYSTEM											EXTRAS
							L	W	T	HOLES	SHAPE	L	W	T	HOLES	SHAPE	
INGERSOLL-RAND																	
61360	900 CFM	F 15309	1165	1200	57	PRB 8	1266	152	1.5	62	A	1266	152	1.5	62	A	01/22/97
61361			1212	1020	57	PRB 8	1102	112	1.5	38	A	1102	112	1.5	38	A	01/22/97
INTERNATIONAL																	
61521	TRACTOR TD6		511	540	76	PRB 8	620	140	2.5	22	A	620	140	2.5	22	A	01/22/97
62127			813	792	95	PRB 8	862	220	2.5	44	A	862	220	2.5	44	A	01/22/97
61523	TD25E	630463C2	1007	1064	152	PRY 8	1131	238	4	66	A	1131	238	4	66	A	01/22/97
62092	TD20E	634092CN	1093	924	152	PRB 8	992	228	2.5	50	A	992	228	2.5	50	A	01/22/97
61524			1144	1130	133	PRO 8	1175	215	1.5	60	A	1175	215	3	60	A	01/22/97
61522	HOUGH 560		1210	1020	114	PRB 8	1078	218	2	54	A	1078	218	2	54	A	01/22/97
61525			1390	1223	133	PRY 8	1272	236	1.5	60	A	1272	236	4	60	A	01/22/97
KOMATSU																	
61885	D-50A/P-15	131-03-41671	595	636	114	PRB 8	713	175	2.5	30	A	713	175	2.5	30	A	01/22/97
61893	D-50-11		675	624	57	PRB 8	684	120	2.5	28	A	684	120	2.5	28	A	01/22/97
61905	D-155S (+ PROTEC. TUBOS)	178-03-00010	690	1080	133	PRY 8	1180	198	2.5	48	A	1180	198	2.5	48	A	01/22/97
61916	D-155S	178-03-11310	690	1080	133	PRO 8	1180	198	2.5	48	A	1180	198	2.5	48	A	01/22/97
61894			750	624	114	PRB 8	660	175	2.5	30	A	714	175	2.5	30	A	01/22/97
61881	D-55		766	624	114	PRB 8	712	175	2.5	30	A	712	175	2.5	30	A	01/22/97
61895	D-60-3		775	744	76	PRB 8	805	135	2.5	34	A	805	135	2.5	34	A	01/22/97
61887	D-45	125-03-21321	795	600	114	PRB 8	662	196	2.5	28	A	662	175	2.5	28	A	01/22/97
61884	D-65-A6,E6,P6	144-03-11182	800	696	114	PRB 8	800	175	2.5	34	A	800	175	2.5	34	A	01/22/97
61896	D-65-A,E,P	144-03-11721	802	804	114	PRB 8	907	175	2.5	36	A	907	175	2.5	36	A	01/22/97
61906	D-65A/E/P-8	144-03-15120	823	840	114	PRB 8	914	175	2.5	38	A	914	175	2.5	38	A	01/22/97
61923			842	770	114	PRR 7	830	175	4	36	A	830	175	4	36	A	01/22/97
61897	JH-90		850	852	133	PRB 8	895	198	2.5	36	A	895	198	2.5	36	A	01/22/97
61898	D-75		882	684	114	PRB 8	800	175	2.5	34	A	800	175	2.5	34	A	01/22/97
61879	W320		890	776	114	PRS 4	820	210	3	52	A	820	210	3	52	A	01/22/97

REF	ADAPTABLE TO:	OEM	H	W	T	SYSTEM											EXTRAS
							L	W	T	HOLES	SHAPE	L	W	T	HOLES	SHAPE	
KOMATSU																	
61882	WA 420 (RADLADER)		950	852	133	PRB 5	910	210	3	58	A	910	210	3	0	A	01/22/97
61924			950	880	114	PRO 7	980	215	2	44	A	980	215	2	44	A	01/22/97
61880	D-55S-3	135-03-21250	960	636	114	PRB 8	713	175	2.5	30	A	713	175	2.5	30	A	01/22/97
61899	D-75-3A		970	684	114	PRB 8	741	175	2.5	30	A	790	175	2.5	30	A	01/22/97
61900	D-85		977	972	114	PRB 8	1060	175	2.5	46	A	1060	175	2.5	46	A	01/22/97
61901	HD-180-4		977	1248	133	PRB 8	1322	195	2.5	56	A	1322	195	2.5	56	A	01/22/97
61891	D-57S-1	135-03-31320	1015	696	133	PRB 8	765	195	2.5	32	A	765	195	2.5	32	A	01/22/97
61920	D-85/P18		1040	1032	114	PRB 8	1120	191	4	48	A	1120	191	4	48	A	01/22/23/97/102
61919	D-85/P18		1040	1032	133	PRB 8	1120	191	4	48	A	1120	191	4	48	A	01/22/23/97/102
61889	D-85A/E-18	154-03-21131	1048	1032	133	PRB 8	1120	193	4	48	A	1120	193	4	48	A	01/22/97
61888			1060	1080	133	PRB 8	1165	240	1.5	52	A	1165	240	1.5	52	A	01/22/97
61883	D-75-52		1082	696	114	PRB 8	805	175	2.5	36	A	805	175	2.5	36	A	01/22/97
61918		566-03-11131	1100	1230	133	PRO 8	1335	195	2.5	56	A	1335	195	2.5	56	A	01/22/97
61913			1142	778	114	PRY 8	915	175	4	38	D	915	175	4	38	D	01/22/23/97/104
61917	D-75-3	145-03-41250	1145	780	114	PRB 8	918	176	2.5	38	A	918	176	2.5	38	A	01/22/97
61908		195-03-11125	1192	1176	133	PRB 8	1230	208	4	52	D	1230	208	4	52	D	01/22/97/104
61909	D-155A-1	175-03-32262	1195	1116	133	PRB 8	1180	210	4	50	A	1180	210	4	50	A	01/22/97/102
61910	D-355	175-03-32260	1196	1116	133	PRB 8	1185	208	4	52	A	1185	208	4	52	A	01/22/97/104
61911	75-10, 45-10		1200	1116	133	PRB 8	1187	194	4	52	A	1187	194	4	52	A	01/22/97
61912	D-155A-1	175-03-31125	1200	1116	152	PRB 8	1187	208	2.5	52	A	1187	208	2.5	52	A	01/22/97
61928	WA 600	426-03-11122	1200	1212	133	PRB 8	1300	250	2	56	A	1300	250	2	56	A	01/22/97
61915	D-355A-3	195-03-22131	1281	1190	133	PRO 8	1260	207	3	52	D	1260	207	3	52	D	01/22/24/97/102
61914	D-355	195-03-22130	1282	1188	133	PRB 8	1230	210	4	52	D	1230	210	4	52	D	01/22/24/97/102
61921	D-355A	195-03-22130-02	1284	1190	133	PRO 8	1262	208	2.5	52	D	1262	208	2.5	52	D	01/22/24/97/102
61892	D-355A		1293	1212	133	PRB 8	1278	208	4	56	D	1278	208	4	56	D	01/22/97
61922	475		1582	1404	133	PRB 8	1420	207	4	58	A	1420	207	4	58	A	01/22/97/102
29040	KUBOTA		375	420	40	PRO 8	47	426	1	0	Welded	47	426		0	Welded	
62223	TIGER		390	504	95	PRB 8	573	154	1.5	34	A	573	154	1.5	34	A	01/22/97

REF	ADAPTABLE TO:	OEM	H	W	T	SYSTEM											EXTRAS
							L	W	T	HOLES	SHAPE	L	W	T	HOLES	SHAPE	
KUBOTA																	
62224	ROYAL TIGER		453	504	95	PRB 8	582	153	2	35	A	582	153	2	36	A	01/22/97
62225			531	880	57	PRS 8	912	109	1.5	44	A	912	109	1.5	33	A	01/22/97
MICHIGAN																	
62434	45/55C	964875	755	760	95	PRO 8	813	178	2.5	44	A	813	178	2.5	44	A	01/22/97
62432	125B		938	864	133	PRB 8	926	210	4	46	A	926	210	4	46	A	01/22/97
62433	275A/280A		1016	810	133	PRY 8	913	234	2.5	44	A	913	203	2.5	44	A	01/22/97
62431	275B		1053	924	133	PRB 8	1015	235	4	52	A	1015	210	4	52	A	01/22/97
62365	175B		1165	826	133	PRY 8	913	230	4	48	A	913	200	4	48	A	01/22/97
62435	275C		1232	948	133	PRB 8	1015	235	4	50	A	1015	235	4	50	A	01/22/97
62437	475		1499	1392	133	PRB 8	1492	259	3	72	A	1492	259	3	72	A	22/45/97
62436			1651	1404	133	PRB 8	1492	310	2.5	74	A	1492	310	2.5	72	A	22/45/48/53/97
MITSUI																	
62372			922	888	114	PRB 8	945	187	2.5	38	A	945	187	2.5	38	A	01/22/97
MULTICAR																	
29041	MULTICAR		455	390	40	PRO 10	398	50	1	0	Welded	398	50		0	Welded	
29043	MULTICAR		505	380	53	S100	375	83	1	0	Welded	375	83		0	Welded	
29042	MULTICAR		650	250	72	S100	245	101	1	0	Welded	245	101		0	Welded	
QUINCY																	
62902	75-100 HP		615	744	57	PRB 8	870	190	2.5	42	A	870	190	2.5	42	A	01/22/97
WABCO																	
62900	50BFA9TA8361	281788	1138	1416	152	PRB 8	1473	239	4	68	A	1473	239	4	68	A	01/22/97/105
62909			1270	1500	152	PRB 8	1559	238	2.5	72	A	1559	238	2.5	72	A	22/45/97

HEAVY DUTY CORES TO NRF CROSS-REFERENCE

OEM	REF NRF	H
CATERPILLAR		
1 P 9959	2589	848
1 S 0363	60625	570
1 S 0364	60404	531
1 S 1386	60708	575
1 S 1575	60663	851
1 S 1778	60599	954
1 S 5832	60600	954
1 S 5875	60664	1127
1 W 1502	60668	1055
1 W 1895	60459	973
1 W 6833	60669	1162
2 L 0723	60677	889
2 M 0752	60701	878
2 M 8224	60626	718
2 M 9055	60579	851
2 N 0256	2586	842
2 N 5125	60508	1090
2 P 1234	60492	991
2 P 1239	60533	705
2 P 5218	60562	864
2 P 8658	60526	1302
2 S 0739	60658	679
2 S 1199	60657	762
2 S 1542	60598	587
2 S 1543	60631	549

OEM	REF NRF	H
2 S 5260	60653	718
2 S 9758	60665	762
2 S 9759	60656	531
2 Y 4346	60487	965
2 Y 4641	60476	883
3 K 3615	60612	613
3 L 5102	60620	533
3 L 5155	60676	889
3 L 8903	60583	659
3 R 4726	60662	1124
3 S 2320	60452	775
3 S 3565	60666	1087
3 S 4515	60451	762
3 S 6250	60686	954
4 A 0149	60587	595
4 A 2553	60592	805
4 F 7979	60419	596
4 K 2032	60692	613
4 K 2727	60703	575
4 L 0648	60444	818
4 L 2023	2585	838
4 L 2115	2581	680
4 L 4441	60691	889
4 L 4687	60609	913
4 M 0114	60417	575
4 M 4421	60654	718

OEM	REF NRF	H
4 N 1936	60618	1226
4 N 3474	60628	705
4 N 4342	60422	1067
4 N 6298	60474	883
4 N 6762	60639	1226
4 N 7241	60667	1226
4 N 7279	60616	1105
4 N 7295	60554	1016
4 N 8190	60650	965
4 N 8191	60496	965
4 N 8248	60607	718
4 N 8540	60475	908
4 N 8559	60572	1143
4 N 8995	60651	1295
4 N 9374	60604	1067
4 N 9691	60420	1226
5 A 4391	60433	680
5 B 0698	60689	659
5 H 4220	60455	792
5 H 8412	60432	680
5 L 4384	60610	531
5 M 4023	60445	762
5 M 4026	60490	965
5 S 0572	60506	1088
5 S 0602	60615	991
5 S 4592	60427	660

OEM	REF NRF	H
5 S 4596	60702	587
5 S 4597	60597	550
5 S 5991	60485	959
5 S 7261	60502	1026
5 S 8031	60596	705
5 S 8036	60436	705
5 S 8037	60630	705
5 S 8052	60426	660
5 S 8154	60670	646
5 S 8439	60542	1156
5 S 8450	60468	857
5 S 8451	60467	857
5H 8244	60586	516
6 H 8729	60694	878
6 H 9001	60699	718
6 H 9008	60648	680
6 L 1533	60660	813
6 N 973	60544	1302
6 N 0413	60410	1150
6 N 0541	60602	849
6 N 0880	60571	1156
6 N 0934	60558	849
6 N 0957	60541	1156
6 N 1218	60511	1105
6 N 1939	60617	1486
6 N 1994	2590	859

OEM	REF NRF	H
CATERPILLAR		
6 N 2361	60489	965
6 N 7661	60595	1488
6 N 9376	60548	1321
6 N 9377	60606	1486
6 N 9451	2583	745
6 N 9785	60711	1141
6 N 9786	60517	1152
7 B 0427	60688	697
7 F 1496	60588	878
7 M 2000	60629	935
7 M 2007	60700	935
7 M 4962	60673	965
7 M 5664	60655	954
7 N 1033	60561	864
7 N 1580	60570	1016
7 N 3111	60560	875
7 N 3112	60528	1207
7 N 3457	60638	1067
7 N 3542	60608	883
7 N 4078	60538	1228
7 N 4367	60627	883
7 N 6223	60440	711
7 N 7330	2572	854
7 N 9061	60550	1489
7 N 9314	60640	1226

OEM	REF NRF	H
7 N 9471	60641	1149
7 S 2244	60453	775
7 S 2384	60531	813
7 S 2385	60460	813
7 S 2522	60493	991
7 S 2538	60539	1270
7 S 8791	60409	587
7 S 8792	60408	550
7 S 8845	60530	1321
8 F 2790	60466	851
8 F 3135	60584	575
8 H 5940	60649	516
8 H 6247	60707	575
8 H 8771	60414	575
8 H 9577	60412	575
8 L 5765	60498	965
8 N 0066	60536	1374
8 N 1190	60537	1374
8 N 2343	60642	1204
8 N 2602	60613	1156
8 N 3062	60563	1141
8 N 3545	60685	711
8 N 3583	60438	711
8 N 4077	2574	553
8 N 4687	60635	973
8 N 4971	60567	1228

OEM	REF NRF	H
8 N 4973	2582	743
8 N 5382	60569	1087
8 N 5979	60643	1069
8 N 5980	60644	1069
8 N 6492	60645	1162
8 N 7489	60636	1228
8 N 7857	60441	718
8 N 8842	60463	849
8 N 9135	60646	1160
8 S 2640	60437	705
8 S 2645	60516	1156
8 S 2646	60568	1156
8 S 4199	60503	1041
8 S 6052	60566	1321
8 S 7794	60623	752
8 S 7795	60624	752
9 F 1473	60683	954
9 F 3410	60675	718
9 H 4771	60421	595
9 H 9246	60407	535
9 H 9919	60605	680
9 M 3097	60482	954
9 M 3109	60534	1161
9 M 5551	60621	762
9 M 5817	60684	1127
9 M 6031	60447	762

OEM	REF NRF	H
9 M 6032	60448	762
9 M 9519	60464	851
9 M 9525	60633	1168
9 M 9531	60529	1168
9 M 9775	60480	935
9 M 9868	60495	993
9 S 1951	2577	635
9 S 3767	60611	952
9 S 4103	60513	1127
9 S 4104	60488	965
9 S 4997	60442	718
9 S 5149	60497	1002
9 S 6156	60661	1180
9 S 6157	60515	1127
9 S 9022	60527	1302
9 S 9270	60543	1088
9 S 9733	60594	1088

EUCLID

4019474	61464	1120
9025253/9030215	61463	1020

INGERSOLL-RAND

F 15309	61360	1165
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OEM	REF NRF	H
INTERNATIONAL		
630463C2	61523	1007
634092CN	62092	1093

KOMATSU

125-03-21321	61887	795
131-03-41671	61885	595
135-03-21250	61880	960
135-03-31320	61891	1015
144-03-11182	61884	800
144-03-11721	61896	802
144-03-15120	61906	823
145-03-41250	61917	1145
154-03-21131	61889	1048
175-03-31125	61912	1200
175-03-32260	61910	1196
175-03-32262	61909	1195
178-03-00010	61905	690
178-03-11310	61916	690
195-03-11125	61908	1192
195-03-22130	61914	1282
195-03-22130-02	61921	1284
195-03-22131	61915	1281
426-03-11122	61928	1200
566-03-11131	61918	1100

OEM	REF NRF	H
MICHIGAN		
964875	62434	755

WABCO

281788 (65TON)	62900	1138
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LEGEND

Character	EN	ES	FR	DEU	NL	PL	IT
H	Height	Altura	Hauteur	Höhe	Hoogte	Wzrost	Altezza
L	Length	Largo	Longueur	Länge	Lengte	Długość	Lunghezza
W	Width	Ancho	Largeur	Breite	Breedte	Szerokość	Larghezza
T	Thickness	Grueso	Épaisseur	Dicke	Dikte	Gruby	Spessore
OEM	Original reference	Referencia original	Référence d'origine	Original Referenz	Originele referentie	Oryginalne odniesienie	Riferimento originale
Holes	Holes	Agujeros	Trous	Löcher	Gaten	Dziury	Fori
Form	Form	Forma	Forme	Form	Vorm	Formować	Forma

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